

APPENDIX A

SOIL PROFILES

SOIL PROFILE

STP 1-2

Date: December 20, 2004

County: Sussex

Soil Description By: M.G. Sams, CPSS

Project Location: S.R. 54 Stormwater Management Swales

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
Ap / 0-28.0 cm (0-11.0 in)	10YR 3/3 Dark brown		sandy loam	weak medium granular	friable	clear, smooth	
Bw / 28.0-38.0 cm+ (11.0-15.0 in+)	10YR 5/4 Yellowish brown		sandy loam	weak medium blocky	friable		

Additional Notes: Upland area, slight swale; moderately well developed coastal plain sediments.

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MONROEVILLE and HARRISBURG, PA

SOIL PROFILE

STP 1-11

Date: December 20, 2004

County: Sussex

Soil Description By: M.G. Sams, CPSS

Project Location: S.R. 54 Stormwater Management Swales

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
Ap / 0-43.0 cm (0-16.9 in)	10YR 3/3 Dark brown		loam	weak medium granular	friable	clear, smooth	
Bw / 43.0-53.0 cm+ (16.9-20.9 in+)	10YR 5/1 Gray	common: 10YR 5/4 Yellowish brown	sandy loam	weak medium blocky	friable		gleyed

Additional Notes: Upland area, slight swale; moderately well developed coastal plain sediments with slight internal drainage restrictions.

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SOIL PROFILE

STP 2-5

Date: December 20, 2004

County: Sussex

Soil Description By: M.G. Sams, CPSS

Project Location: S.R. 54 Stormwater Management Swales

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
Ap / 0-41.0 cm (0-16.1 in)	10YR 3/2 Very dark grayish brown		sandy loam	weak medium granular	friable	clear, smooth	
Bw / 41.0-51.0 cm+ (16.1-20.1 in+)	10YR 5/4 Yellowish brown		sandy loam	weak medium blocky	friable		

Additional Notes: Upland area, slight swale; moderately well developed coastal plain sediments.

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SOIL PROFILE

STP 2-27

Date: December 21, 2004

County: Sussex

Soil Description By: M.G. Sams, CPSS

Project Location: S.R. 54 Stormwater Management Swales

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
Ap / 0-38.0 cm (0-15.0 in)	10YR 3/2 Very dark grayish brown		sandy loam	weak medium granular	friable	clear, smooth	
Bw / 38.0-48.0 cm+ (15.0-18.9 in+)	10YR 5/1 Gray		sandy loam	weak medium blocky	friable		very moist

Additional Notes: Upland area, slight swale; moderately well developed coastal plain sediments, with slight internal drainage restrictions.

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